

Table 1

**MOTOR-VEHICLE REGISTRATION IN THE UNITED STATES, 1900-1951**

(Does not include publicly owned vehicles)

<u>Year</u>	<u>Automobiles</u>	<u>Busses</u>	<u>Trucks</u>	<u>Total</u>
1900	8,000			8,000
1901	14,800			14,800
1902	23,000			23,000
1903	32,920			32,920
1904	54,590		700	55,290
1905	77,400		1,400	78,800
1906	105,900		2,200	108,100
1907	140,300		2,900	143,200
1908	194,400		4,000	198,400
1909	305,950		6,050	312,000
1910	458,377		10,123	468,500
1911	618,727		20,773	639,500
1912	901,596		42,404	944,000
1913	1,190,393		67,667	1,258,060
1914	1,664,003		99,015	1,763,018
1915	2,332,426		158,506	2,490,932
1916	3,367,889		250,048	3,617,937
1917	4,727,468		391,057	5,118,525
1918	5,554,952		605,496	6,160,448
1919	6,679,133		897,755	7,576,888
1920	8,131,522		1,107,639	9,239,161
1921	9,212,158		1,281,508	10,493,666
1922	10,704,076		1,569,523	12,273,599
1923	13,253,019		1,849,086	15,102,105
1924	15,436,102		2,176,838	17,612,940
1925	17,439,701	17,808	2,483,215	19,940,724
1926	19,220,885	24,320	2,807,354	22,052,559
1927	20,142,120	27,659	2,969,780	23,139,559
1928	21,308,159	31,982	3,171,542	24,511,683
1929	23,060,421	33,999	3,408,088	26,502,508
1930	22,972,745	40,507	3,518,747	26,531,999
1931	22,330,402	41,880	3,489,756	25,862,038
1932	20,832,357	43,476	3,256,776	24,132,609
1933	20,586,284	44,918	3,245,505	23,876,707
1934	21,472,078	51,530	3,430,396	24,954,004
1935	22,494,884	58,994	3,675,865	26,229,743
1936	24,108,236	62,618	4,001,464	28,172,318
1937	25,390,773	66,166	4,249,219	29,706,158
1938	25,167,030	65,198	4,210,477	29,442,705
1939	26,139,526	68,859	4,406,702	30,615,087
1940	27,372,397	72,641	4,590,386	32,035,424
1941	29,524,101	88,800	4,859,244	34,472,145
1942	27,868,746	102,093	4,608,086	32,578,925
1943	25,912,730	106,702	4,480,176	30,499,608
1944	25,466,331	106,518	4,513,340	30,086,189
1945	25,691,434	112,253	4,834,742	30,638,429
1946	28,100,188	119,937	5,725,692	33,945,817
1947	30,718,852	128,983	6,512,628	37,360,463
1948	33,248,878	133,372	7,225,706	40,607,956
1949	36,292,703	134,971	7,692,569	44,120,243
1950	40,185,146	143,206	8,238,632	48,566,984
1951	42,525,217	143,290	8,623,090	51,291,597

Source: 1900-1949 U. S. Bureau of Public Roads, A Factual Discussion of Motor-truck Operation, Regulation, and Taxation (1951).

1950-1951 U. S. Bureau of Public Roads, Highway Statistics, 1950, p. 16; Highway Statistics, 1951, p. 12.

Table 2

CARRIED LOAD IN TON-MILES BY TRUCKS AND COMBINATIONSON MAIN RURAL ROADS, 1936, 1940-1946

(in millions of ton-miles)

<u>Year</u>	<u>Ton-Miles</u>
1936	28,005
1940	46,247
1941	58,737
1942	45,704
1943	43,876
1944	44,696
1945	50,364
1946	60,892
1947	73,610
1948	83,119
1949	89,099
1950	121,091
1951	126,402

Source: 1936-1946 Bureau of Public Roads, Highway Statistics, Summary to 1945, p. 33.

1947-1951 Bureau of Public Roads, Highway Statistics, 1947, p. 20; Highway Statistics, 1948, p. 35; Highway Statistics, 1949, p. 32; Highway Statistics, 1950, p. 38; Highway Statistics, 1951, p. 28.



Table 3

EXISTING RURAL HIGHWAY MILEAGE IN THE UNITED STATES

<u>Year</u>	<u>Total Mileage</u>	<u>Total Surfaced</u>	<u>Total Unsurfaced</u>
1904		153,530	
1905		160,919	
1906		168,308	
1907		175,697	
1908		183,086	
1909		190,476	
1910		203,839	
1911		217,202	
1912		230,566	
1913		243,929	
1914		257,292	
1915		275,930	
1916		294,569	
1917		313,207	
1918		331,845	
1919		350,484	
1920		369,122	
1921	2,925,000	387,000	2,538,000
1922	2,960,000	412,000	2,548,000
1923	2,996,000	439,000	2,557,000
1924	3,004,000	472,000	2,532,000
1925	3,006,000	521,000	2,485,000
1926	3,000,000	550,000	2,450,000
1927	3,013,000	589,000	2,424,000
1928	3,016,000	626,000	2,390,000
1929	3,024,000	662,000	2,362,000
1930	3,009,000	694,000	2,315,000
1931	3,036,000	830,000	2,206,000
1932	3,040,000	879,000	2,161,000
1933	3,029,000	914,000	2,115,000
1934	3,034,000	977,000	2,057,000
1935	3,032,000	1,063,000	1,969,000
1936	2,987,000	1,157,000	1,830,000
1937	2,960,000	1,210,000	1,750,000
1938	2,968,000	1,253,000	1,715,000
1939	2,980,000	1,292,000	1,688,000
1940	2,990,000	1,340,000	1,650,000
1941	3,005,000	1,384,000	1,621,000
1942	3,004,000	1,406,000	1,598,000
1943	3,005,000	1,421,000	1,584,000
1944	3,005,000	1,430,000	1,575,000
1945	3,012,000	1,495,000	1,517,000
1946	3,009,145	1,503,846	1,505,212
1947	3,010,000	1,544,000	1,466,000
1948	3,007,000	1,574,000	1,433,000
1949	3,002,509	1,616,557	1,385,952
1950	2,990,000	1,679,000	1,311,000
1951	2,987,430	1,723,175	1,264,255

Source: 1904-1920 Historical Statistics of the United States, 1789-1945, U. S. Department of Commerce, Bureau of the Census, columns 175 and 182, p. 220.

1921-1945 Bureau of Public Roads, Highway Statistics, Summary to 1945, p. 60.

1946-1951 Bureau of Public Roads, Highway Statistics, 1946, p. 102; Highway Statistics, 1947, p. 111; Highway Statistics, 1948, p. 96; Highway Statistics, 1949, p. 125; Highway Statistics, 1951, p. 103. (1950, sheet N-2, issued December, 1951.)

**PUBLIC UTILITIES COMMISSION OF THE STATE OF CALIFORNIA**  
**GROSS OPERATING REVENUE-TRANSPORTATION OF PROPERTY\***  
**BY CLASSES OF CARRIERS**

<u>Year</u>	<u>Steam Railroads</u>		<u>Highway Carriers (Common and Permitted)</u>	
	<u>Amount</u>	<u>Percent</u>	<u>Amount</u>	<u>Percent</u>
1938	\$ 32,000,204	27.8	\$ 76,507,978	65.9
1939	34,097,248	28.5	78,493,324	65.6
1940	34,994,956	28.5	80,250,836	65.3
1941	43,177,632	27.5	104,832,844	66.6
1942	53,385,460	28.4	124,377,448	66.1
1943	61,535,960	28.3	144,159,632	66.4
1944	66,932,112	27.5	162,862,396	66.9
1945	66,928,720	25.6	180,303,860	68.9
1946	61,366,632	20.9	218,086,064	74.1
1947	75,109,064	22.1	246,883,044	72.8
1948	84,912,848	23.1	261,227,533	71.2
1949	73,923,026	20.9	260,590,524	73.7
1950	84,593,858	20.9	300,026,475	74.0
1951	89,239,569	19.3	351,327,716	75.7

\*Based on fees collected under the Transportation Rate Fund Act.

Source: Final report of the California Senate interim committee on Regulation of Highway Carriers (1953), p. 45.



Table 5

**COMPARISON OF FREIGHT REVENUES OF INTERCITY MOTOR****CARRIERS AND RAILROADS OF ALL CLASSES**

(revenues in millions of dollars)

<u>Year</u>	<u>Freight Revenue- Intercity Motor Carriers Report- ing to I.C.C.</u>	<u>Freight Revenue- Railroads of All Classes</u>	<u>Per Cent Motor Carrier Freight Revenue to Rail- road Freight Revenue</u>
	(1)	(2)	(3)
1939	\$ 792.2	\$ 3,297.1	24.0%
1940	867.0	3,584.2	24.2
1941	1,095.7	4,509.8	24.3
1942	1,212.7	6,026.4	20.1
1943	1,304.7	6,865.8	19.0
1944	1,351.9	7,087.0	19.1
1945	1,406.3	6,617.2	21.3
1946	1,654.5	5,866.4	28.2
1947	2,213.6	7,140.9	31.0
1948	2,698.1	8,090.2	33.4
1949	2,911.2	7,151.2	40.7
1950	3,737.1	7,933.8	47.1

Source: Column 1 I.C.C. Bureau of Transport Economics and Statistics, Statement No. 531, Table 1, p. 4.

Column 2 I.C.C. Statistics of Railways in the United States (1950), Table 155, p. 158.

Column 3 Computed.

Table 6

**INTERCITY PASSENGER-MILES BY RAILROAD AND HIGHWAY**

(Figures in millions of passenger-miles)

<u>Year</u>	<u>Private Automobiles</u>	<u>Railroads*</u>	<u>Intercity Busses**</u>
1929	154,300	24,200	6,800
1930	160,900	20,200	7,100
1931	168,600	15,900	6,700
1932	156,400	12,000	6,300
1933	156,500	12,000	6,400
1934	168,100	13,900	7,100
1935	178,300	14,400	7,600
1936	197,400	18,200	9,200
1937	228,400	21,500	12,700
1938	226,300	18,700	10,100
1939	234,700	19,600	11,600
1940	245,800	20,800	12,000
1941	264,300	26,500	14,000
1942	199,600	50,300	22,000
1943	147,100	84,600	27,800
1944	151,300	92,200	26,900
1945	179,800	88,100	27,300
1946	253,600	60,400	26,100
1947	273,000	40,800	24,500
1948	287,400	36,000	24,200
1949	316,700	30,500	23,200
1950	337,300	27,500	21,700
1951	362,000	30,600	23,200

\*Excludes communication passenger-miles.

\*\*Estimated passenger-miles of charter travel included, beginning with 1939.

Source: Bus Facts, 21st Edition, page 7, published by National Association of Motor Bus Operators.



# Appendix B

(Note:

This road map will be found in various frames below.)

STATE OF CALIFORNIA  
DEPARTMENT OF PUBLIC WORKS  
DIVISION OF HIGHWAYS

ROAD MAP  
*of the State of*  
**CALIFORNIA**

1952

Statute Miles  
0 5 10 20 30 40 50

- LEGEND -



Portland Cement Concrete, Asphalt Concrete or Bituminous Surface  
Oiled Gravel, Gravel or Oiled Earth  
Earth

Proposed State Highways - Approximate Location

County Roads and National Park Roads

Figures denote Mileage between Towns or Intersecting Roads

U.S. Highway Route Numbers

California State Highway Sign Numbers



S.P. SEPARATIONS (NEW)



S.P. SEPARATIONS (RECONSTRUCT)



S.P. & OTHERS - JOINT CROSSING



State Capital



County Seat Incorporated



County Seat Not Incorporated



City or Town Incorporated



Town Not Incorporated

State Line

County Line

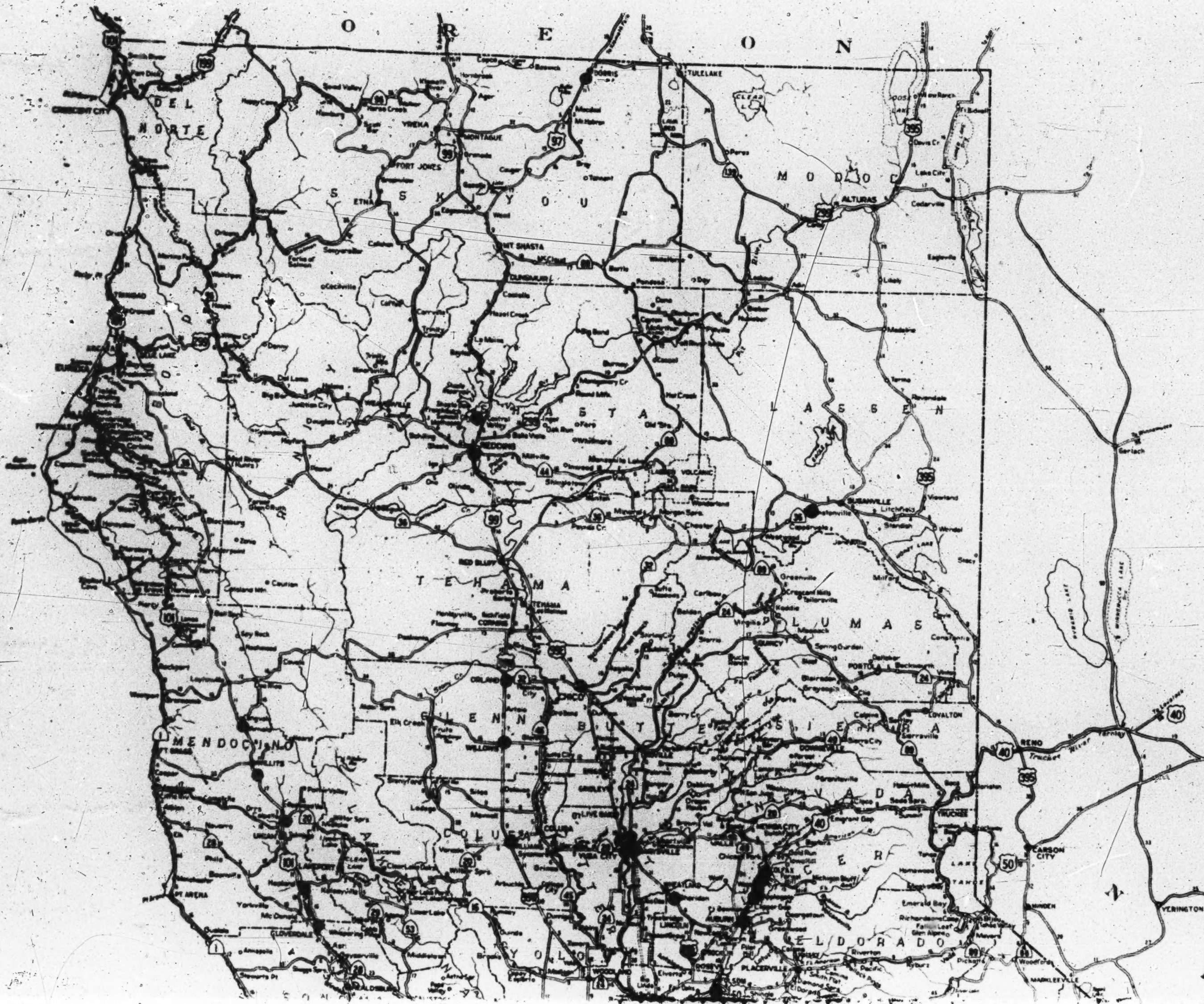
National Monument

BASED ON A.S.P. PROPOSALS ONLY.

NOTE

S.P. SEPARATIONS INCLUDE S.P.Co., NW.P.R.R., P. & S.R., AND S.D. & A.E.



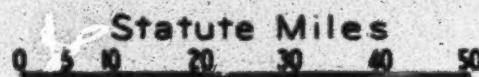




STATE OF CALIFORNIA  
DEPARTMENT OF PUBLIC WORKS  
DIVISION OF HIGHWAYS

ROAD MAP  
*of the State of*  
**CALIFORNIA**

1952



- LEGEND -

4 OR MORE  
LANES



Portland Cement Concrete, Asphalt Concrete or Bituminous Surface  
Oiled Gravel, Gravel or Oiled Earth  
Earth  
Proposed State Highways - Approximate Location  
County Roads and National Park Roads  
Figures denote Mileage between Towns or Intersecting Roads  
U.S. Highway Route Numbers  
California State Highway Sign Numbers

● State Capital  
● County Seat Incorporated  
• County Seat Not Incorporated  
○ City or Town Incorporated  
○ Town Not Incorporated  
— State Line  
--- County Line  
--- National Monument



*S.P. SEPARATIONS (NEW)*  
*S.P. SEPARATIONS (RECONSTRUCT)*  
*S.P. & OTHERS - JOINT CROSSING*

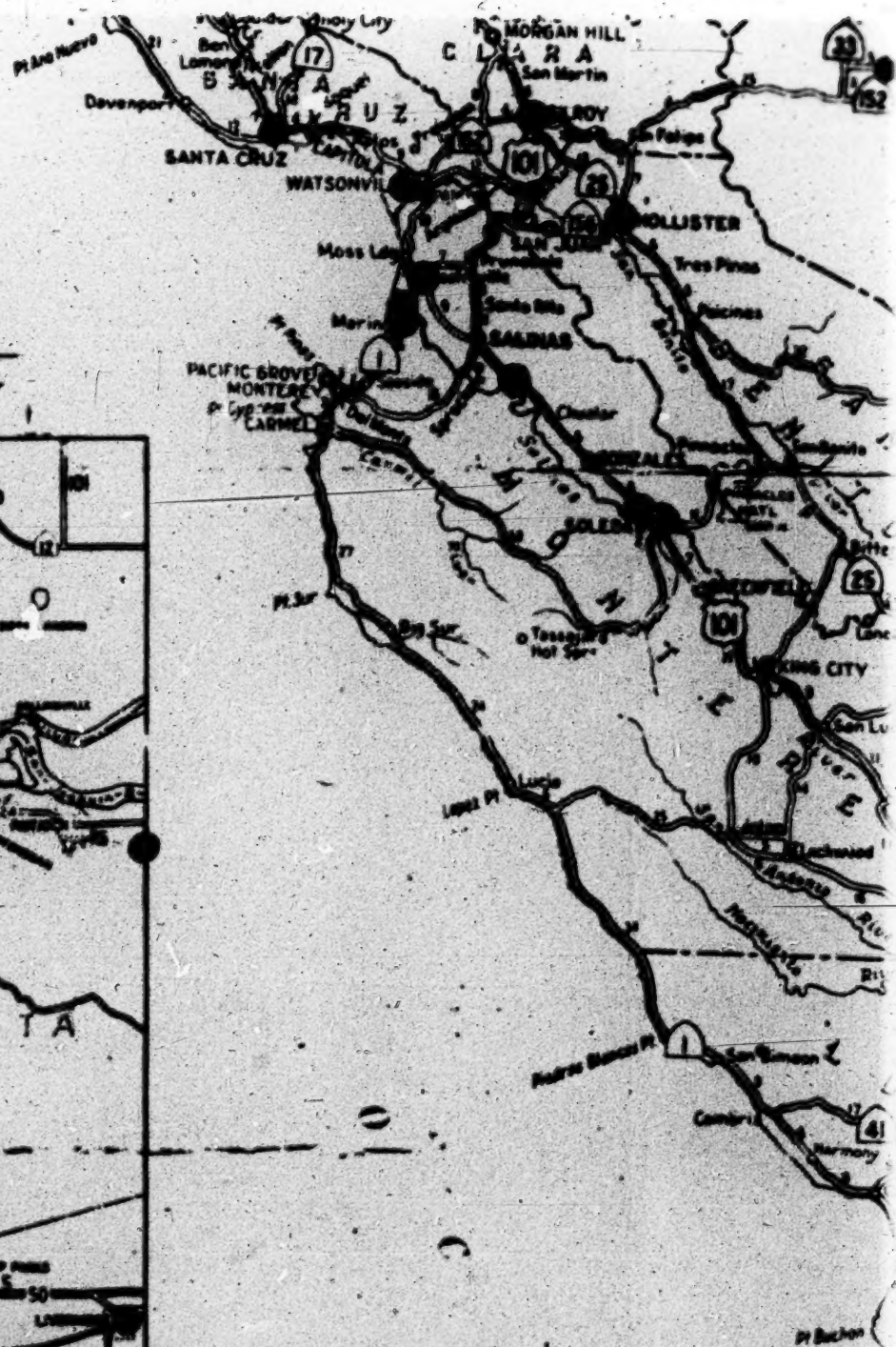
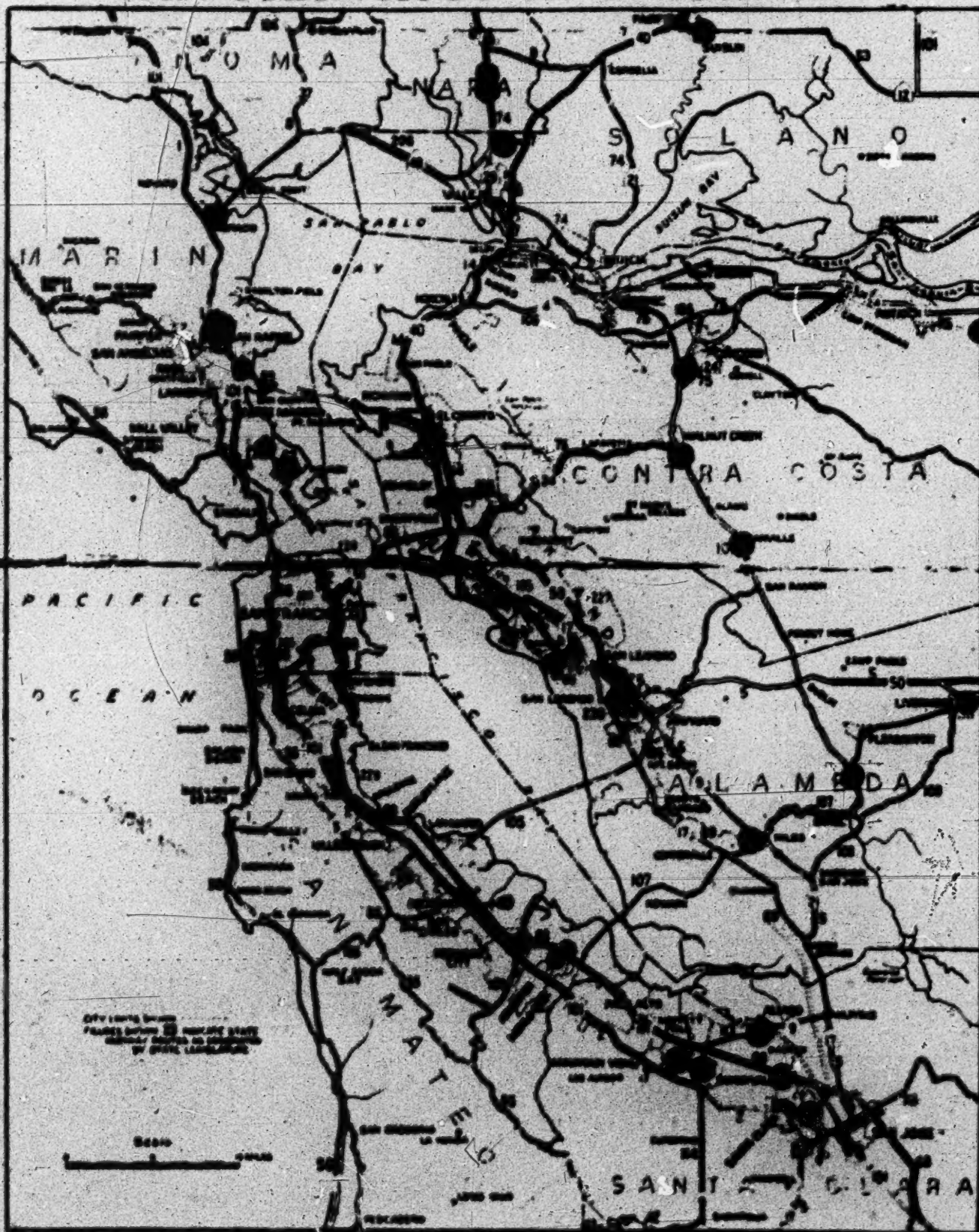
*BASED ON A.S.F. PROPOSALS ONLY.*

NOTE

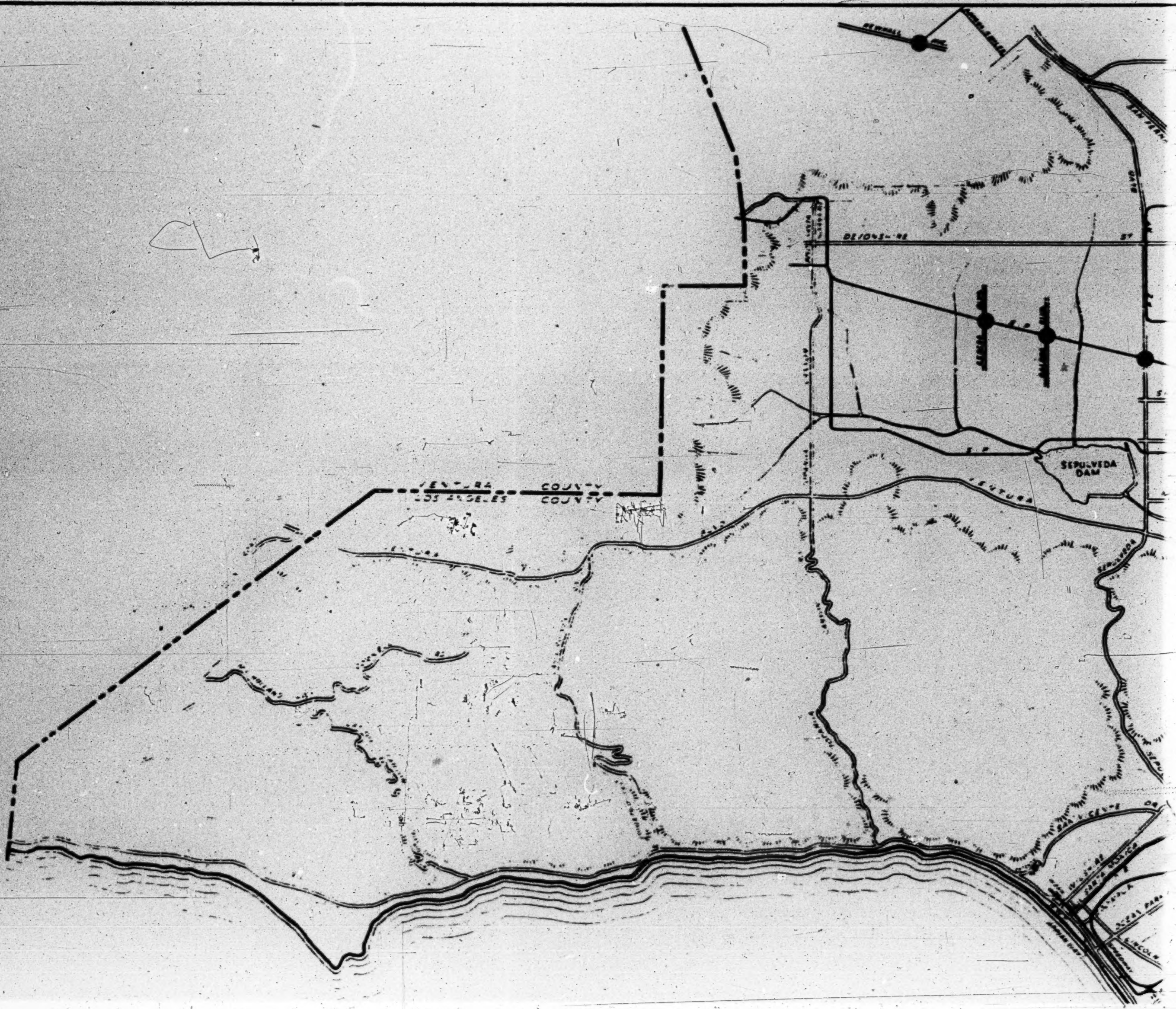
*S.P. SEPARATIONS INCLUDE S.P.Co., N.W.P.R.R., P. & S.R., AND S.D. & A.E.*



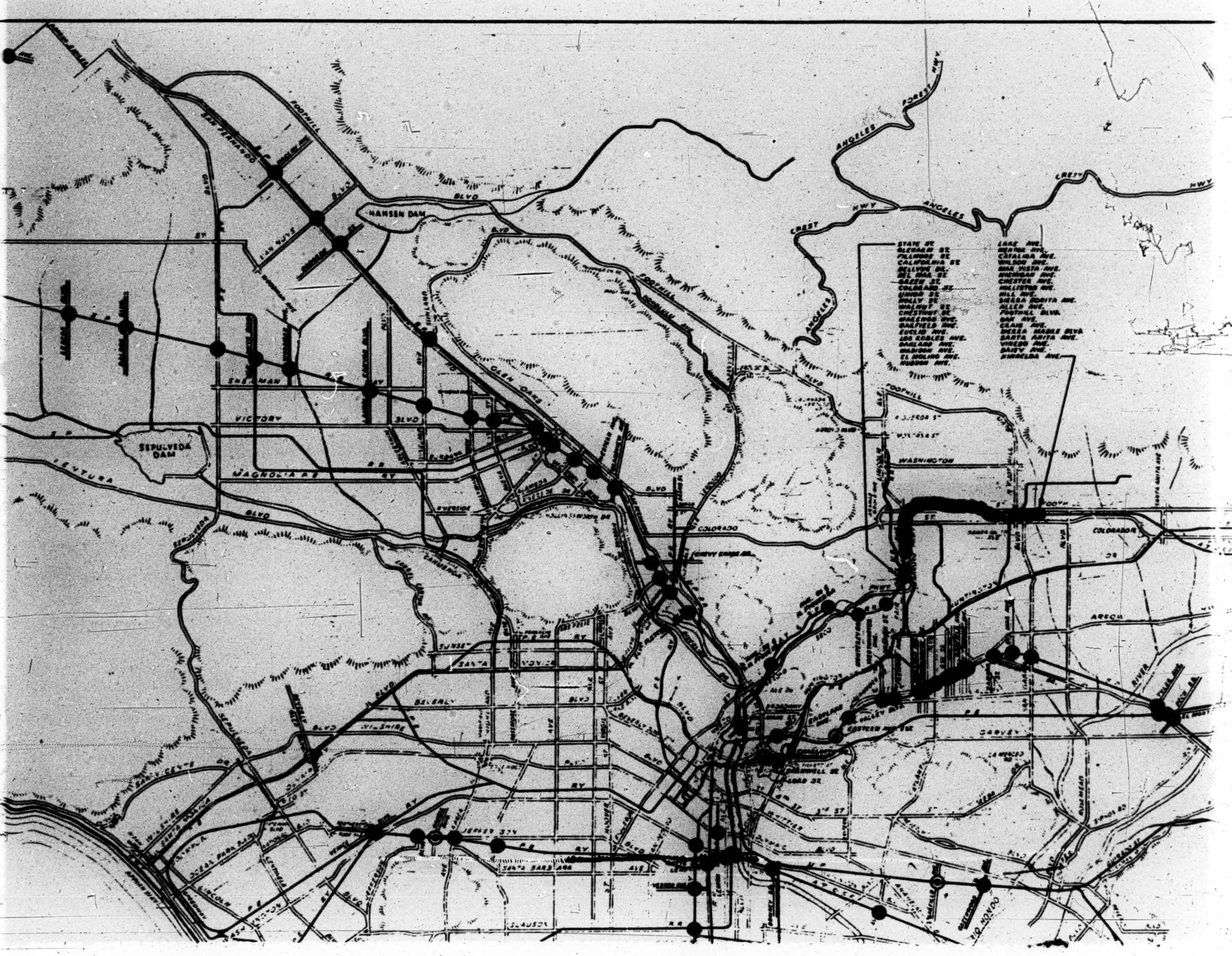
# SAN FRANCISCO AND VICINITY





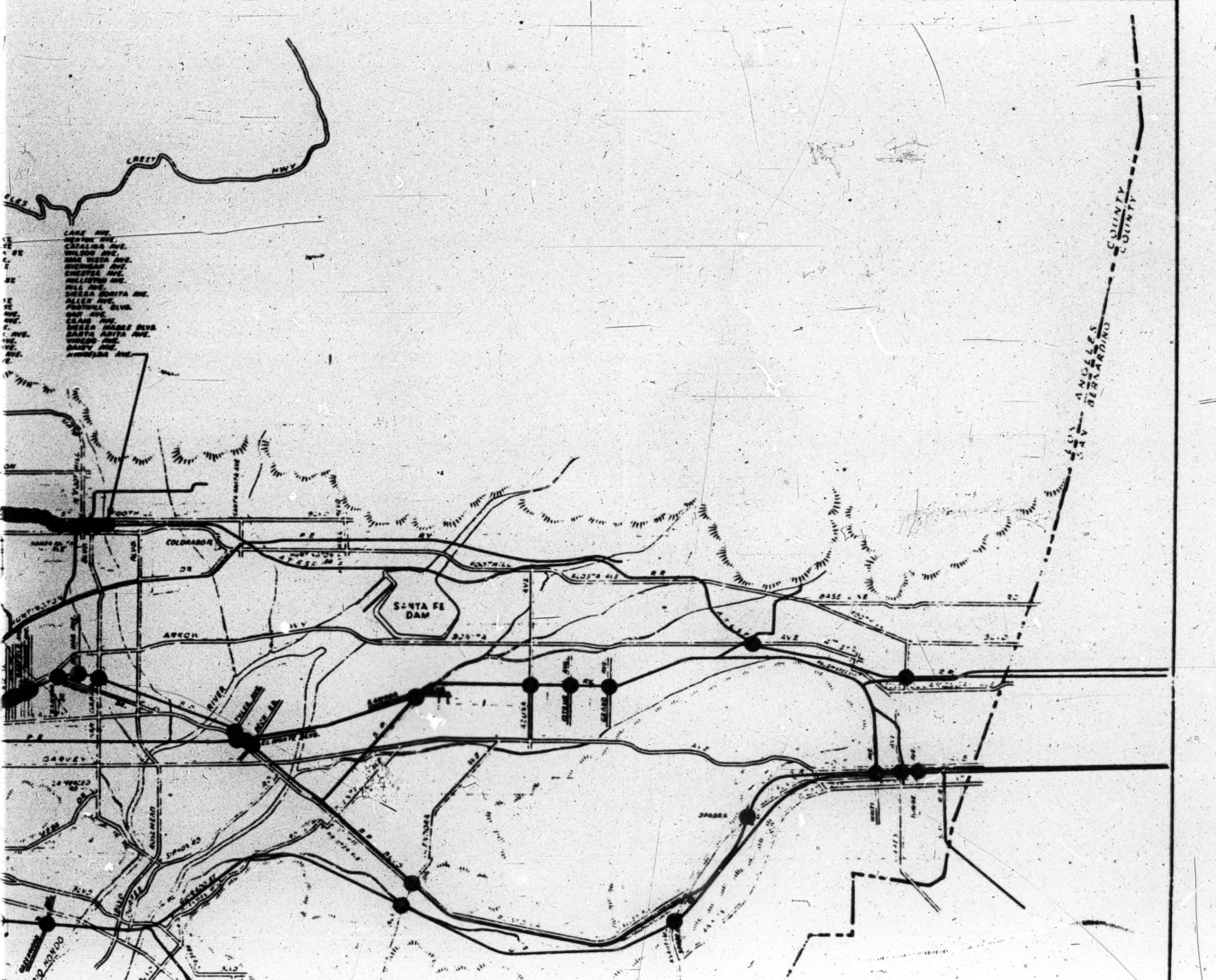




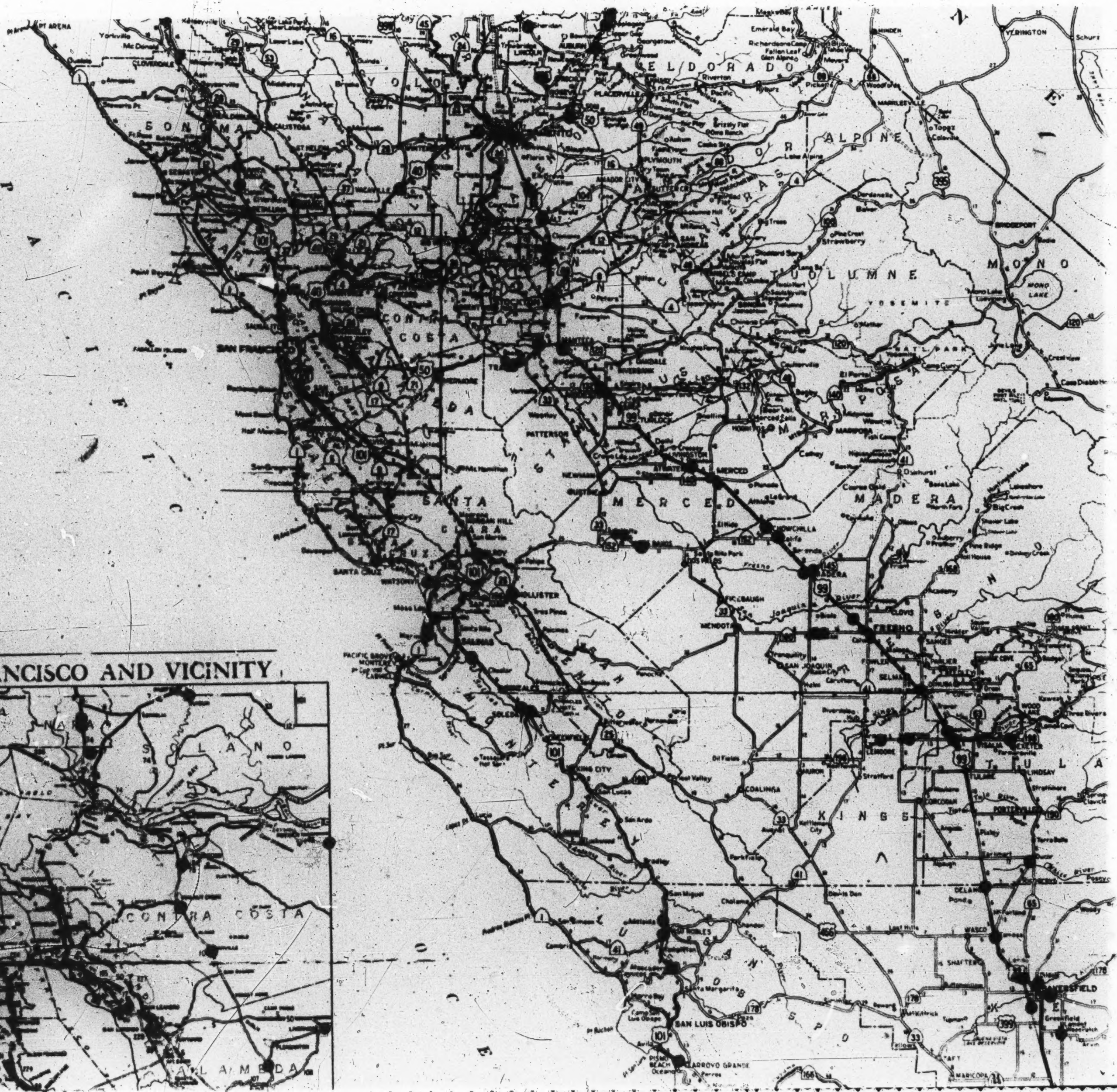


- STATE ST  
OLIVER ST  
FLORISS ST  
CALIFORNIA ST  
BELLVIEW ST  
DEL MAR ST  
GREEN ST  
COLORADO ST  
UNION ST  
HOLLY ST  
WALWORTH ST  
CHESTNUT ST  
WHEATLAND AVE  
BARKLEY AVE  
EUCALYPT AVE  
LOS ANGELES AVE  
BARKLEY AVE  
MADISON AVE  
EL MOLINO AVE  
HUDSON AVE
- LARK AVE  
MADISON AVE  
CATALINA AVE  
WILSON AVE  
DANA VISTA AVE  
MICHIGAN AVE  
CHESTER AVE  
HOLLISTER AVE  
HILL AVE  
SIERRA BONITA AVE  
ALLEN AVE  
FOOTHILL BLVD  
DAN AVE  
CLARK AVE  
SIERRA MADRE BLVD  
SANTA ANITA AVE  
VINEBO AVE  
DAVIS AVE  
HARRIS AVE

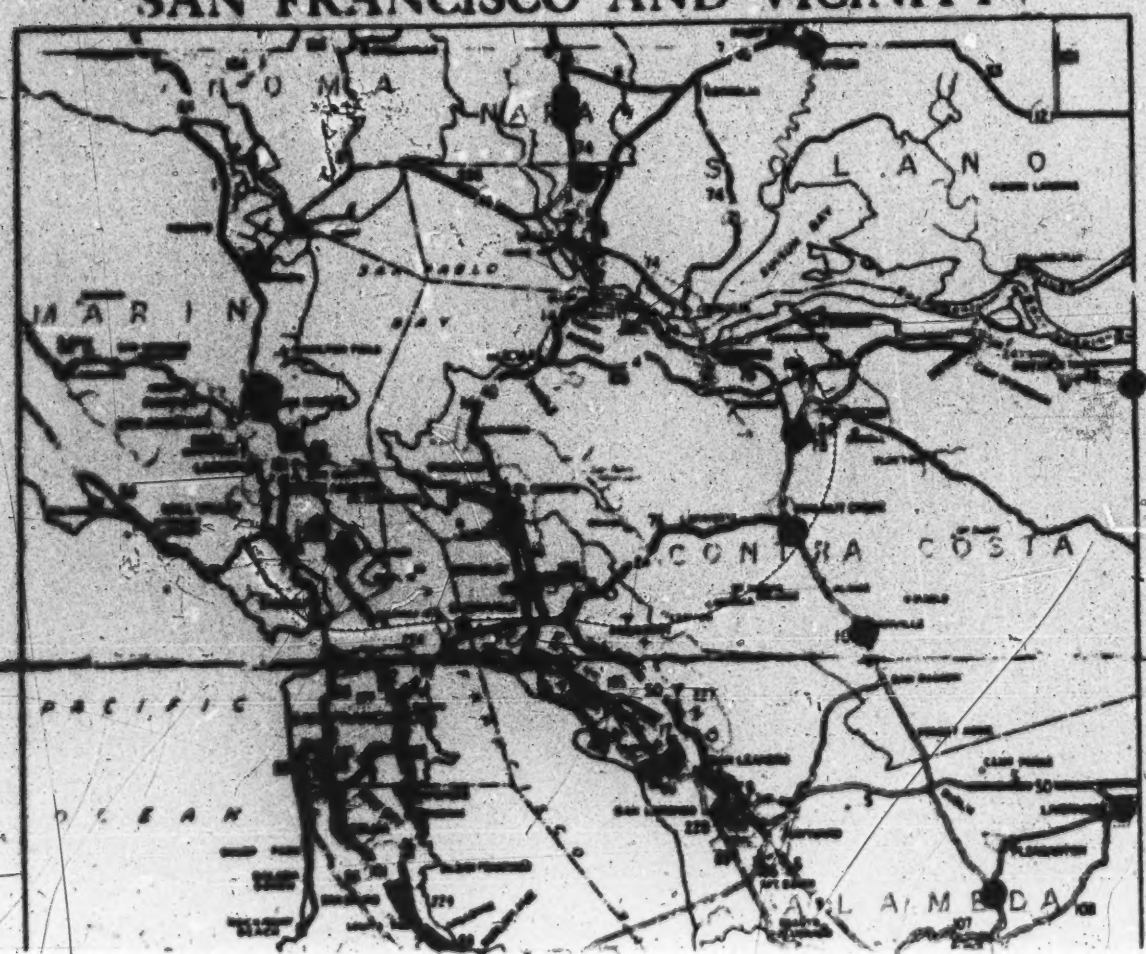




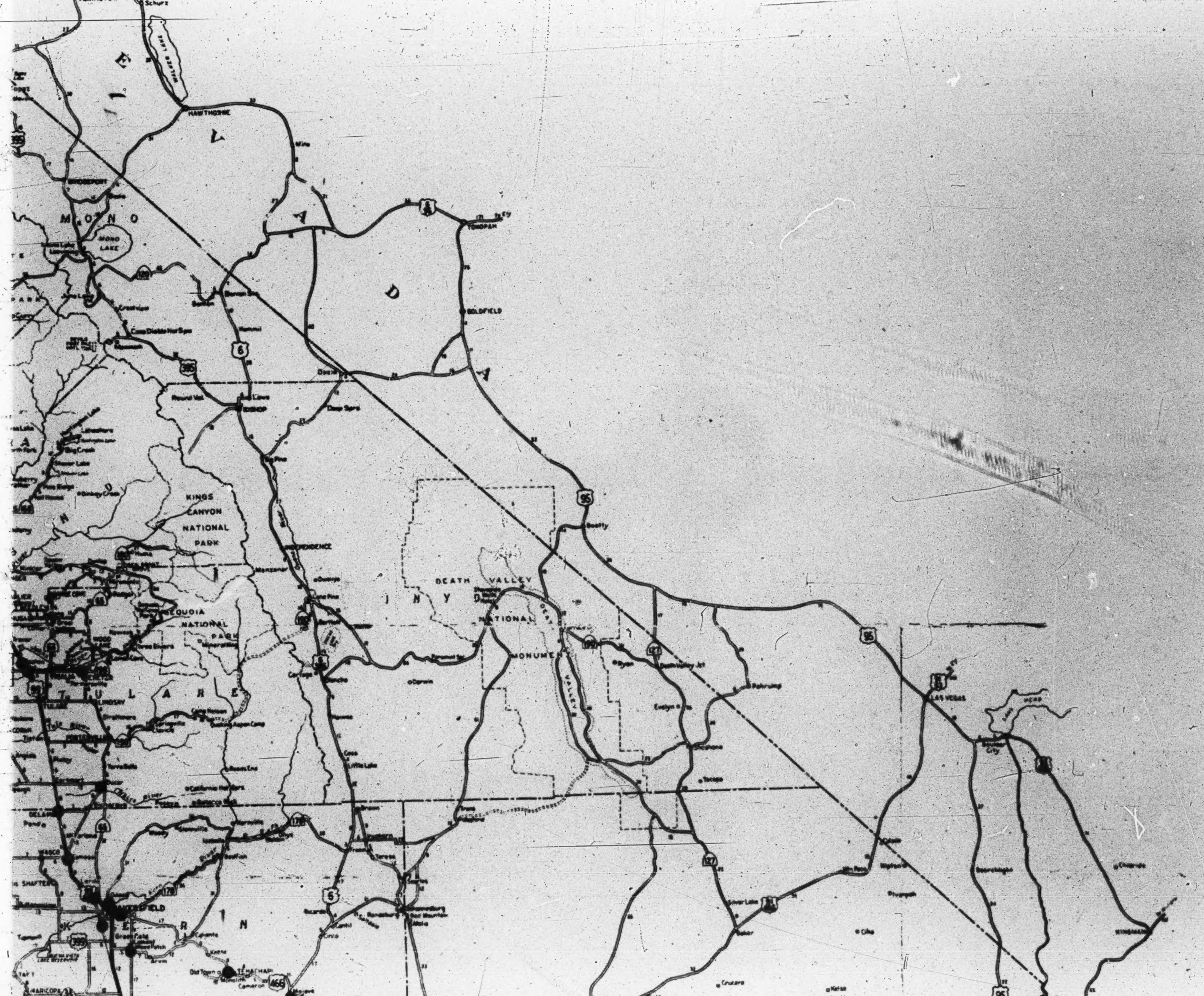




**SAN FRANCISCO AND VICINITY**





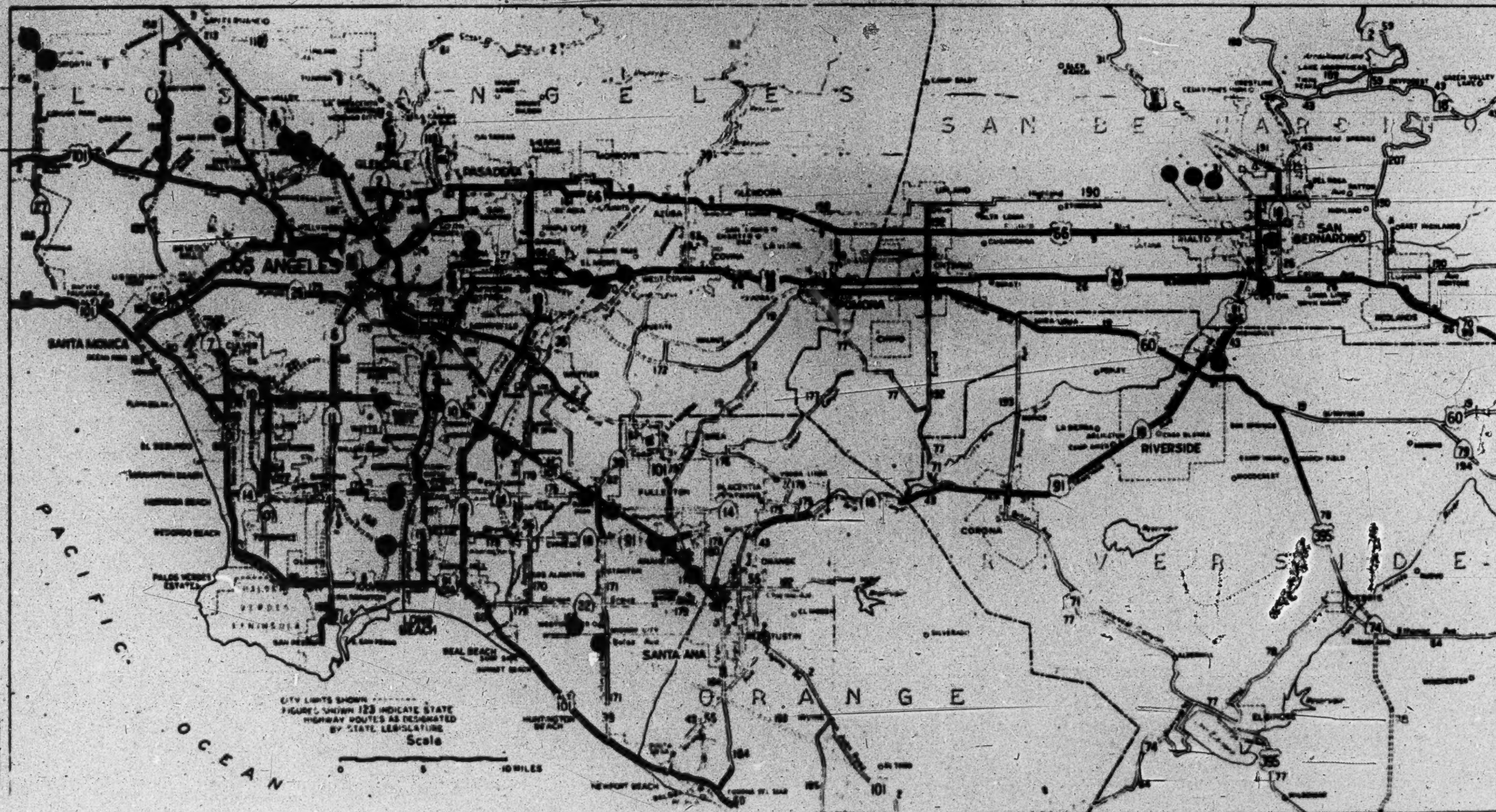




# Appendix C



## LOS ANGELES AND VICINITY

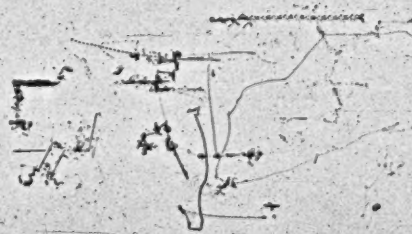




# GRADE SEPARATION PROGRAM COUNTY OF LOS ANGELES

JANUARY 1951

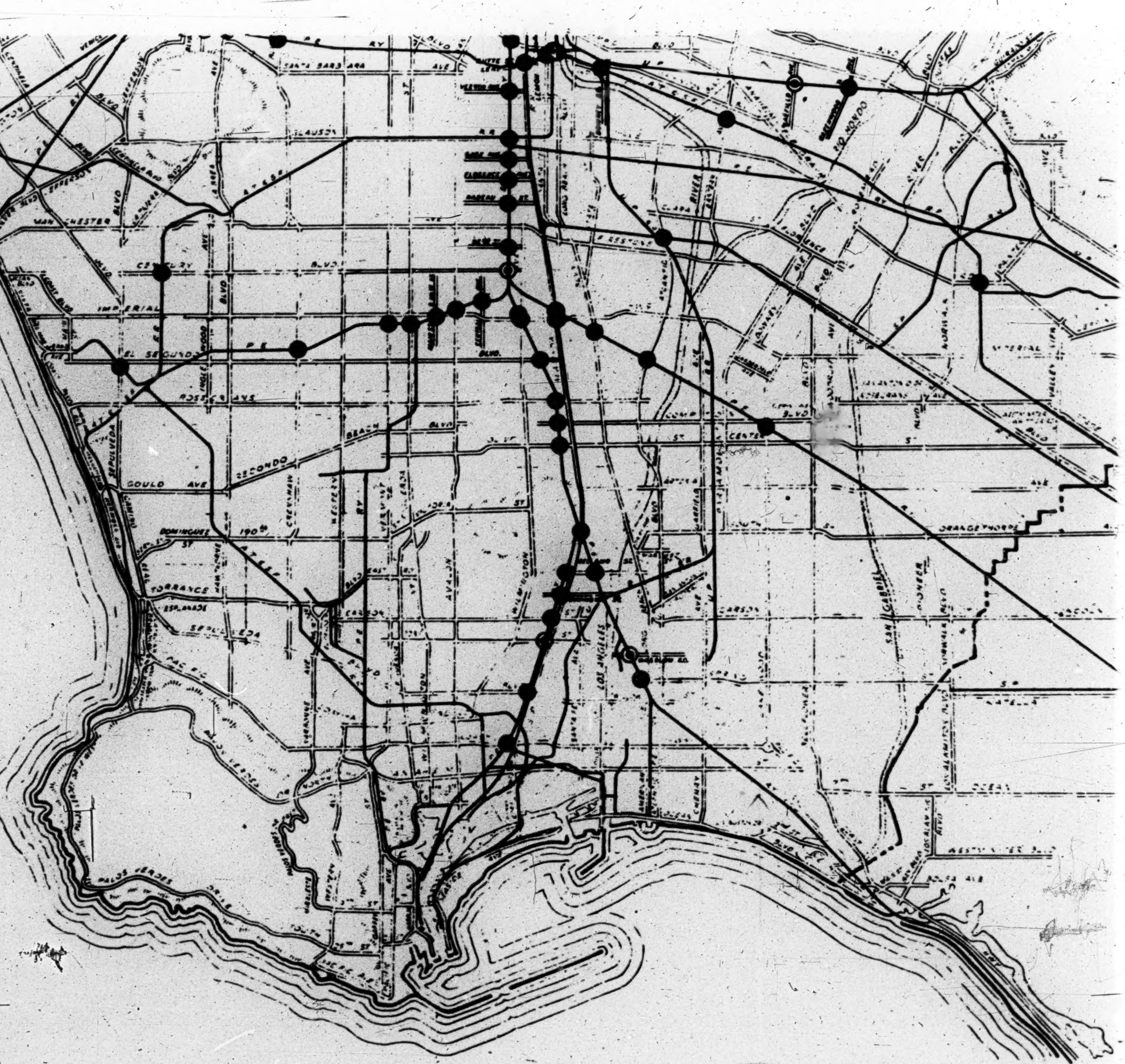
LOS ANGELES COUNTY GRADE CROSSING COMMITTEE



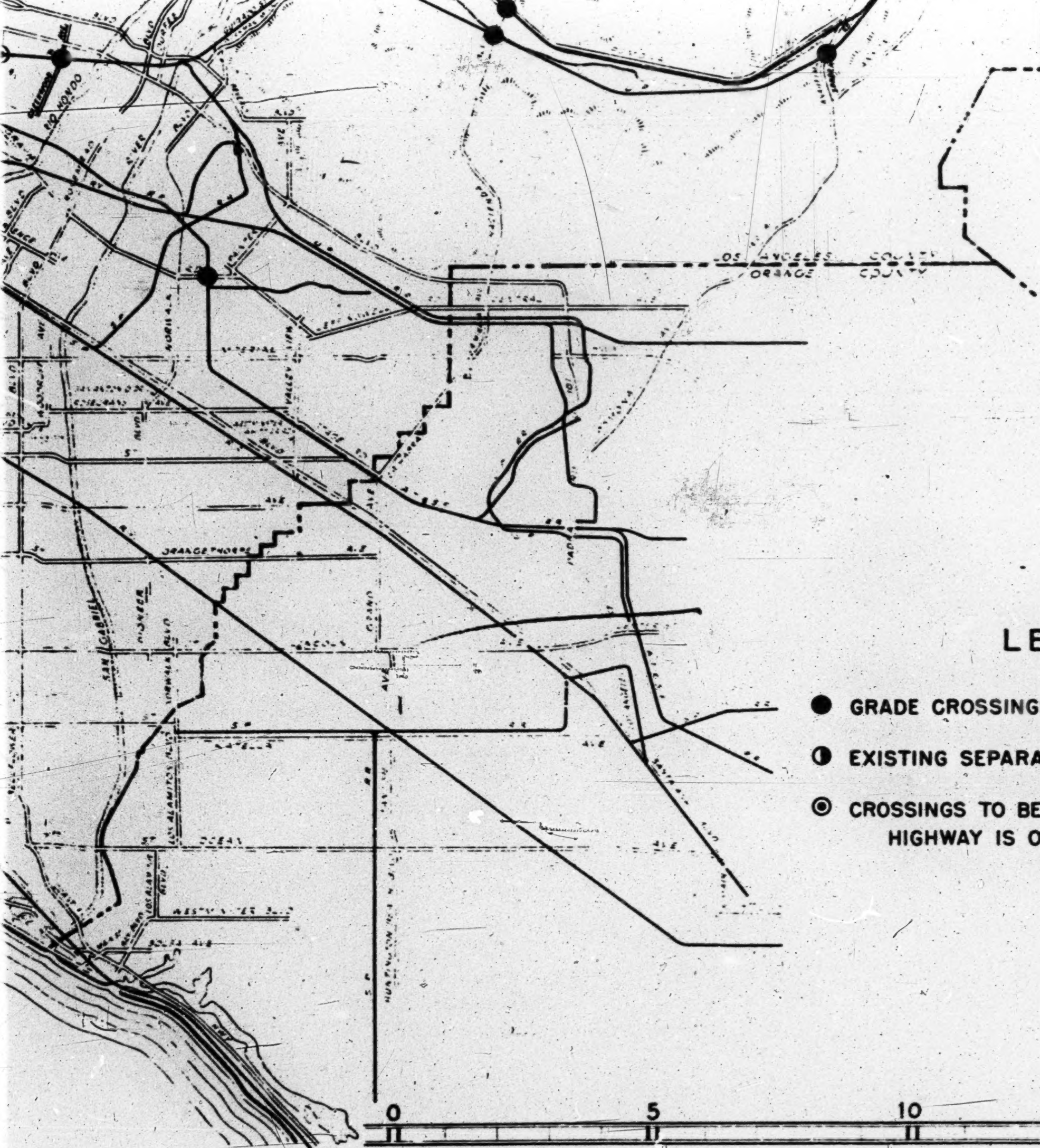
THE REGIONAL PLANNING COMMISSION

COUNTY OF LOS ANGELES







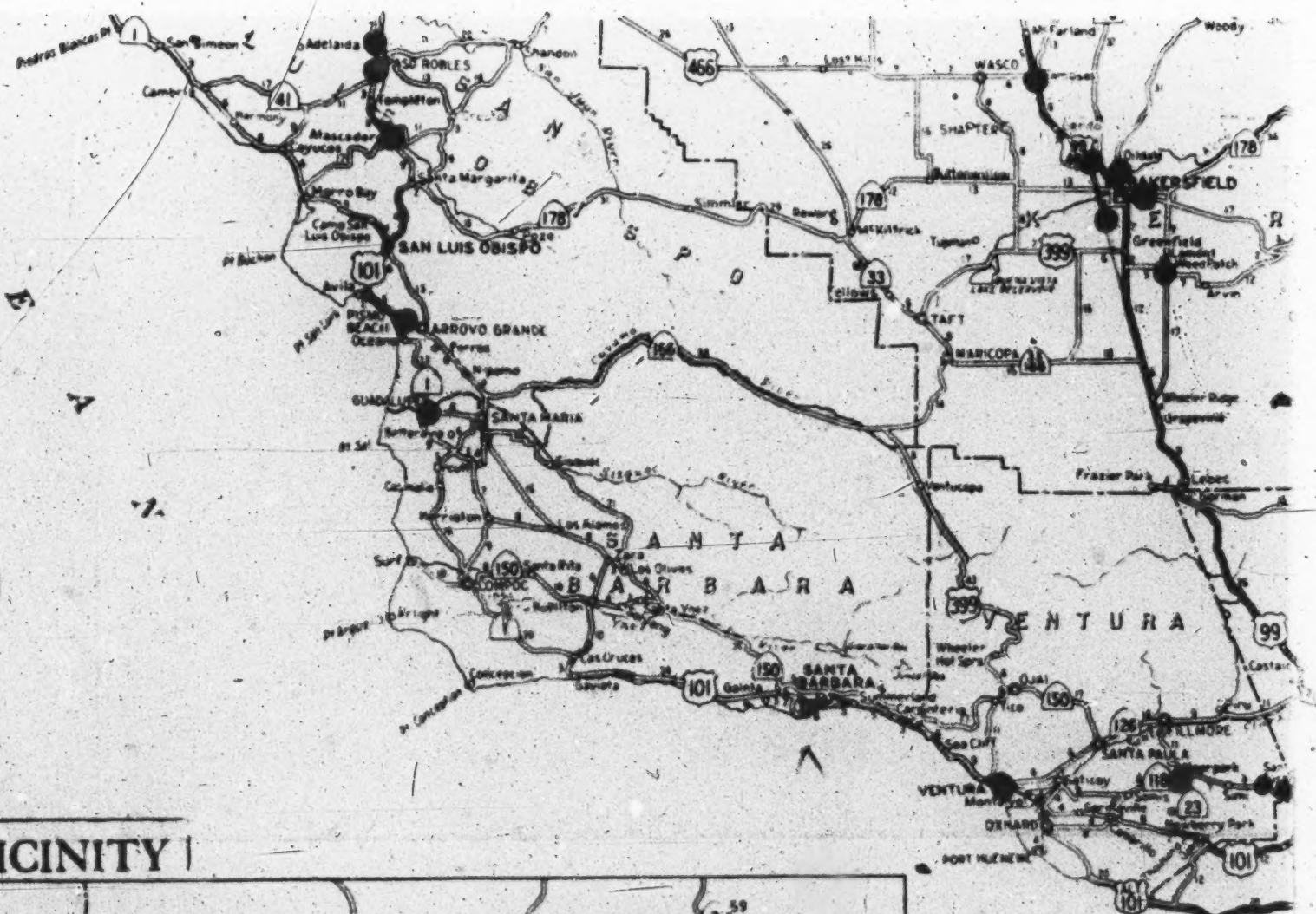
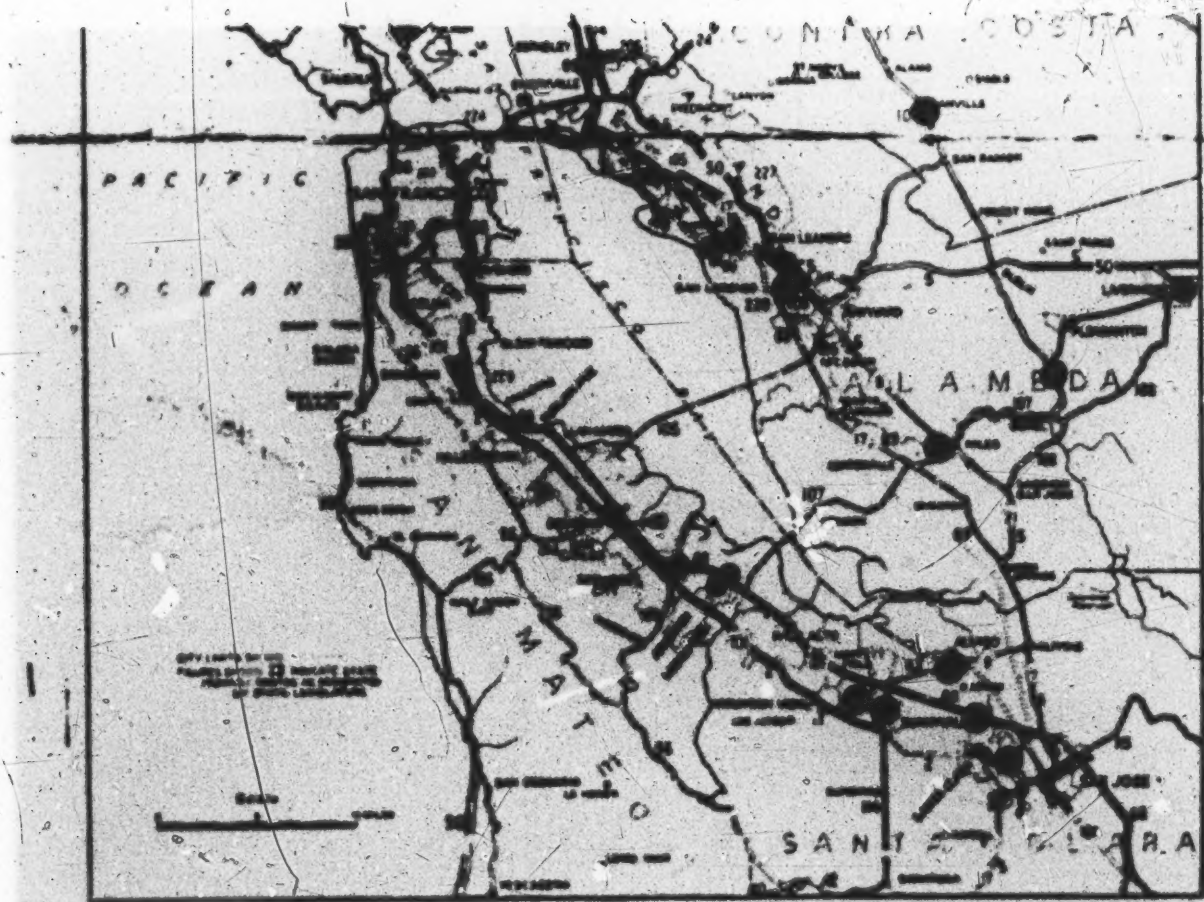


## LEGEND

- GRADE CROSSINGS RECOMMENDED FOR SEPARATION
- ① EXISTING SEPARATIONS TO BE REBUILT
- ⊙ CROSSINGS TO BE SEPARATED WHEN HIGHWAY IS OPENED







# LOS ANGELES AND VICINITY

